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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/014,172  | 12/11/2001  | Roland Hendel        | 032924-033          | 2703             |
| 7590  | 11/30/2005  |                      | EXAMINER            |                  |
| Anthony T. Cascio<br>BURNS, DOANE, SWECKER & MATHIS, L.L.P.<br>P.O. Box 1404<br>Alexandria, VA 22313-1404 |             |                      | JONES, PRENELL P    |                  |
|   |             |                      | ART UNIT            | PAPER NUMBER     |
|   |             |                      | 2668                |                  |

DATE MAILED: 11/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                        |                     |
|------------------------------|------------------------|---------------------|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |
|                              | 10/014,172             | HENDEL, ROLAND      |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |
|                              | Prenell P. Jones       | 2668                |

JRW

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 4/12/02.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-128 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 1-27,65-91 and 107-128 is/are allowed.
- 6) Claim(s) 28-64 and 92-106 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

|  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1)<input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2)<input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3)<input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br/>Paper No(s)/Mail Date <u>3/15/02</u>.</li> </ol> | <ol style="list-style-type: none"> <li>4)<input type="checkbox"/> Interview Summary (PTO-413)<br/>Paper No(s)/Mail Date. _____.</li> <li>5)<input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6)<input type="checkbox"/> Other: _____.</li> </ol> |
|--|--|

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

2. Claims 28-64 and 92-106 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Regarding claim 28, Applicant is claiming on page 42, in line 4-5, "**said header of said SYN/ACK**," and in lines 10-11, "**said header of said FIN/ACK**", which is unclear to Examiner as to exactly what Applicant is claiming.

Regarding claim 43, Applicant is claiming on page 48, in line 21-22, "**said header of said FIN/AC**," which is unclear to Examiner as to exactly what Applicant is claiming.

Regarding claim 92, Applicant is claiming on page 63, in line 24, "**said CYN**," which is unclear to Examiner as to exactly what Applicant is claiming.

Claim 28 recites the limitation on page 42, in line 4-5, "**said header of said SYN/ACK**", and in lines 10-11, "**said header of said FIN/ACK**". There is insufficient antecedent basis for this limitation in the claim. Claims 29-42 depend on claim 28; therefore, claims 29-42 are rejected as well.

Claim 43 recites the limitation on page 48, in line 21-22, "**said header of said FIN/ACK**". There is insufficient antecedent basis for this limitation in the claim. Claims 44-64 depend on claim 43; therefore, claims 44-64 are rejected as well.

Claim 92 recites the limitation on page 63, in line 24, “**said CYN**”. There is insufficient antecedent basis for this limitation in the claim. Claims 93-106 depend on claim 92; therefore, claims 93-106 are rejected as well.

***Allowable Subject Matter***

1. Claims 1-27, 65-91 and 107-128 are allowed over prior art.
2. The following is an examiner's statement of reasons for indicating allowable subject matter: Although the combined prior art discloses utilizing stateless TCP/IP along with communicating FIN and SYN control bits as associated with security and surveillance systems, but they fail to teach or suggest with respect to claim 1, a stateless TCP/IP that includes a first one of said acknowledgment packets wherein said header of said first one of said acknowledgment packets includes complementary information associated with establishing said connection, reading selected portions of said header of said first one of said successively transmitted packets, modifying said selected portions from said first one of said successively transmitted packets and writing said selected portions from said first one of said successively transmitted packets into said header of said first one of said acknowledgment packets', for each subsequent one of said successively transmitted packets, reading selected portions Of said header of a current one of said acknowledgment packets; received in acknowledgment of an immediately prior one of said successively transmitted packets, modifying said selected portions from said header of said prior one of said acknowledgment, and with respect to claim 65, a stateless TCP/IP that includes a first one of said acknowledgment packets being developed at said second device in response to receipt of said first one of said successively transmitted packets said second device reads selected portions of said header of said first one of said successively transmitted packets, modifies said selected portions from said first one of said

successively transmitted packets and writes said selected portions from said first one of said successively transmitted packets into said header of said first one of said acknowledgment packets, said header of said first one of said acknowledgment packets including complementary information associated with establishing said connection, and with respect to claim 107, a stateless TCP/IP apparatus that includes SYN/ACK packets developed, a SYN/ACK packet developed at said second device in response to receipt of said SYN packet to be transmitted to said first device, said SYN/ACK packet including a header having an acknowledgment number field, an acknowledgment number in said acknowledgment number field, a sequence number field and an initial sequence number associated with said second device in said sequence number field, said acknowledgment number being determinable from said initial sequence number associated with said first device; for each current one of said first packets to be sent, said first device said sequence number, said length number and said acknowledgment number from said header of a respective one of said second packets received at said first device subsequently to an immediately prior one of said first packets being sent, develops for said current one of said first packets each of a current acknowledgment number from said sequence number and said length number from said header of said respective one of said second packets and a current sequence number from said acknowledgment number of said respective one of said second packets, and writes said current acknowledgment number and said current sequence number to said acknowledgment number field and said sequence number field, respectively, of said header of said current one of said first packets; for each current one of said second packets to be sent, said second device reads said sequence number, said length number and said acknowledgment number from said header of a respective One of said first packets received at said second device subsequently to an immediately prior one of said second packets being sent, develops for said current one of said second packets each of a

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current acknowledgment number, and a FIN/ACK packet developed at said second device in response to receipt of said FIN packet, said FIN/ACK including an acknowledgment number field and a sequence number field, said acknowledgment number field having an acknowledgment number determinable from said final sequence number and said sequence number field having a final sequence number associated with said second device, said final sequence number being determinable from said initial sequence number associated with said second device and said second number of units of data.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prenell P. Jones whose telephone number is 571-272-3180. The examiner can normally be reached on 9:00-5:30.

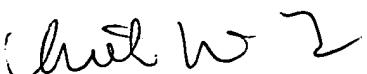
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Prenell P. Jones



November 25, 2005

  
CHIEH M. FAN  
SUPERVISORY PATENT EXAMINER